

Amendment to the Claims:

The listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-2 Cancelled – without disclaimer or prejudice.

3. (New) A transmitting and receiving switching circuit of a wireless communication system comprising:

A/ a controller, a selecting portion, connected to an input of the controller, which determines a transmitting or receiving frequency according to operation of the selecting portion and a band selecting portion, connected to an output of the controller which outputs a control signal which selects an input signal of an upper band or a lower band of a received signal which passes through an antenna and a duplexer while generating the control signal for determining a transmitting frequency of the system;

first and second switching portions connected at outputs thereof to first and second filter portions including upper and lower bands, which are switched in response to the control signal output by the band selecting portion and which selects any one of the upper and lower bands corresponding to the received signal passing through the duplexer;

the first filter portion being connected at an output thereof to an amplifying portion which amplifies a filtered signal output from the first filter portion

and outputs an amplified filtered signal to the second filter portion through the second switching portion,

the second filter portion being connected between the amplifying portion and a mixer and which filters a received signal passing through the second filter portion;

the mixer mixing a filtered signal output from the second filter portion with a local oscillator frequency from a local oscillator;

an intermediate frequency filtering portion which filters an intermediate frequency out from the mixer; and

A/ a transmit mode determining portion, coupled to the band selecting portion, which transmits a transmit signal with a transmit frequency determined by the control signal output from the band selecting portion.

4. (New) A transmitting and receiving switching method of a wireless communication system comprising the steps of:

judging whether the communication system is in a transmitting mode or a receiving mode to determine a transmitting or receiving frequency;

automatically first switching a transmitting channel and a receiving channel, to place the transmitting channel on an upper band and the receiving channel on a lower band;

performing a transmitting or receiving operation in association with another communication system corresponding thereto after the first transmitting or receiving channel switching;

judging whether the transmitting or receiving operation is finished and when finished switching the transmitting or receiving mode into a waiting mode;

judging whether the communication system is in another mode of the transmitting mode and receiving mode to determine another transmitting or receiving mode; and

automatically second switching the transmitting channel and the receiving channel to place the transmitting channel on the upper band and the receiving channel on the lower band.

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